GOVERNOR'S TASK FORCE ON

UMMS SALARY GAP

FINAL REPORT AND RECOMMENDATIONS



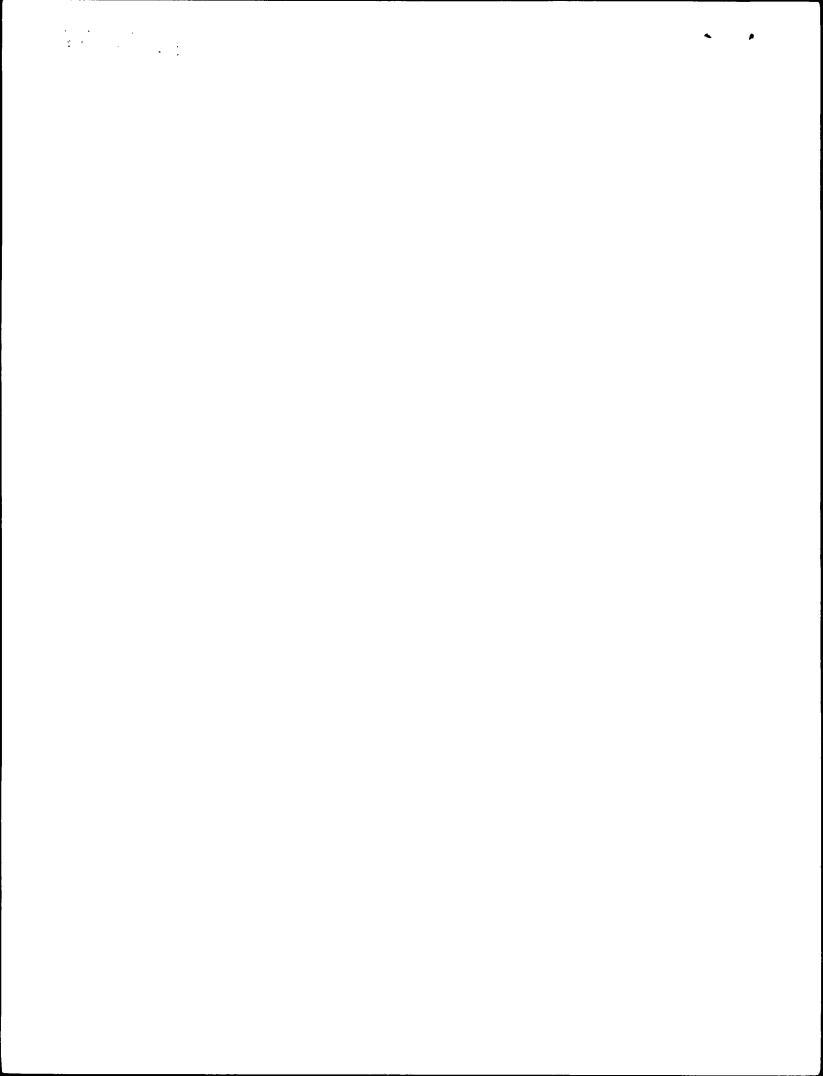


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I. EXECUTIVE SUMMARY

The Task Force on the UMMS Salary Gap has confirmed that a significant salary gap exists and has developed recommendations for reducing that gap.

A number of alternatives were considered. The Task Force unanimously rejected any mandatory transfer of non-corporation employees to the corporate system. A financial incentive for voluntary conversion was also rejected, because it did not adequately address the financial issues surrounding the salary gap and, moreover, its ultimate efficacy would be highly speculative at best.

Instead, the Task Force has adopted a compromise solution that would stem future growth of the salary gap, yet result in no diminution of current salary for non-corporation employees and make no changes in their benefits (e.g., leave time, pension, health insurance, etc.). Under the recommended action, fiscal year 1988 State COLA and ASR increases would be paid to UMMS's non-corporation employees in the form of a bonus. In future years, salary increases for non-corporation employees would no longer be based on State COLAs and ASRs. Rather, consistent with the Governor's charge to the Task Force, salary increases would be based on hospital market conditions, and non-corporation employees would be treated equitably relative to corporation employees in the hospital's consideration of increases.

The specific recommendations adopted by the Task Force are as follows:

- 1. Effective July 1, 1987, non-corporation employees will be exempt from State-mandated COLAs and ASRs. No other benefits will be changed.
- 2. For FY 1988, non-corporation employees will receive a one time "bonus" equivalent to what they would have received through the State ASR/COLA process. The cost of the bonus will be shared by UMMS and the State, based on the current calculation of the aggregate salary gap, with the State funding the salary gap portion of the bonus. For future years, salary increases for non-corporation employees will be based on market conditions, and non-corporation employees will be treated equitably relative to corporation employees in the hospital's consideration of increases.

- 3. A detailed study will be commissioned to develop voluntary incentive programs to make it attractive for non-corporation employees to switch to corporation status for some or all purposes. The program would have to prove fiscally beneficial even if only a limited number of employees were to switch. The Task force recommends that, to the extent possible, any incentives be applied retroactively to former non-corporation employees who already have transferred to the corporate system in the interim.
- 4. If practical, the incentive programs should be implemented in FY 1989.
- 5. The State's contribution to the salary gap will cease no later than June 30, 1989. The State, nonetheless, will continue to fund the pension gap for those employees who choose to stay in the State system.
- 6. UMMS, in consultation with the State Department of Personnel and the State Department of Employment and Training, will make arrangements to provide preferential hiring for non-corporation employees who prefer to leave UMMS but stay in the State's employment.

II. TASK FORCE COMPOSITION

Salary Gap Task Force Members

Avery Aisenstark, Chairman

Attorney

Joseph Adler

Executive Director, Maryland Classified Employees Association, Inc.

The Honorable Clarence W. Blount

Maryland State Senate

William Bolander (vice Curtis Johnson)

American Federation of State, County and Municipal Employees

The Honorable Richard N. Dixon

Maryland House of Delegates

Mark P. Kane

Assistant Secretary, State Department of Personnel

George V. McGowan

Member, UMMS Board of Directors; and Member, University of Maryland

Board of Regents

David G. Ricker

Senior Budget Analyst, State
Department of Budget and Fiscal

Planning

Patricia K. Smyth

Member, UMMS Board of Directors

Loretta Y. Wall

Employee Representative, UMMS

UMMS Nursing Representatives (non-voting)

Mary Etta Mills, R.N., Sc.D.

Vice President, Nursing, UMMS

Diane Williams, R.N.

Nursing Representative, Shock

Trauma Center

Special Consultants

Diane Millikan Al Snyder George Whetsell Senior Manager, Ernst & Whinney Partner, Ernst & Whinney Principal, Ernst & Whinney

III. BACKGROUND

A. Historical Perspective

The University of Maryland Medical System ("UMMS") is a 747-bed teaching hospital surrounded by the campus of the University of Maryland at Baltimore in downtown Baltimore. UMMS consists of the University of Maryland Hospital, the Shock Trauma Center, and the University of Maryland Cancer Center.

Prior to July 1, 1984, UMMS was part of the University of Maryland ("University"). Effective July 1, 1984, UMMS became a private, not-for-profit corporation separate from the University and the State. (Chapter 288, Laws of Maryland, 1984.) Employees of UMMS at June 30, 1984 were offered the choice of becoming employees of the new corporation or retaining their status as University employees for salary and fringe benefit purposes. (See Education Article, Section 13-18-05(b).) UMMS employees hired on or after July 1, 1984 are employees of the new corporation, which sets its own salary and fringe benefit policies independent of the State. UMMS employees who have retained their University status ("non-corporation employees") currently constitute approximately two-thirds of the UMMS workforce.

UMMS is regulated by the Maryland Health Services Cost Review Commission ("HSCRC") for rate-setting purposes. The HSCRC rate review methodology includes a specific provision for salary and wage expense inflation. Currently, UMMS's average salary and wage expense is high relative to the hospital marketplace. UMMS is unable to recover, in its rates, actual salary and wage expense that exceeds the approved HSCRC salary and wage expense level. Therefore, in order to remain competitive and viable, the actual annual increase in UMMS's wage and salary expense cannot exceed the HSCRC approved increase.

However, UMMS does not currently control the salary and wage increases for non-corporation employees. Instead, the State mandates specific increases on a periodic basis, including cost of living adjustments, step increases, and regrades of entire job classifications. In recent years, the salary and wage increases mandated for UMMS non-corporation employees have exceeded the rate increases granted by the HSCRC to cover salary and wage inflation. Due to the long tenure of the UMMS non-corporation employee group, turnover has not significantly ameliorated this problem. As a result, a gap or shortfall ("the Salary Gap") exists between the non-corporation employee salary and wage expense and the approved HSCRC salary and wage budget for the non-corporation employee component of UMMS's workforce.

In its 1986 Session, the General Assembly authorized a \$2 million appropriation to UMMS to fund the Salary Gap in fiscal year 1987. Evidently, however, this appropriation was not intended to be a recurring item in the State budget. (See Governor's Letter to Joint Chairman and 1986 Joint Chairman's Report (Excerpt), attached as Appendix A.)

B. Governor's Charge

The Task Force on the UMMS Salary Gap was formed by Governor Harry Hughes in July 1986 to explore alternatives to resolve the Salary Gap on a permanent basis. The Task Force was asked to examine and recommend possible State initiatives that are designed to:

- Recognize that the personnel system of UMMS should be driven by the hospital market place;
- o Examine the difference between the salary levels and fringe benefits provided to UMMS non-corporation employees and the hospital marketplace;
- Eliminate the need for a State subsidy;
- o Investigate and recommend retraining opportunities for UMMS non-corporation employees; and
- o Develop an appropriate UMMS employee education and information process to ensure employee awareness of potential changes to their employee status.

(The full text of the Governor's charge letter to the Task Force is included as Appendix B.)

IV. SALARY GAP ANALYSIS

The Task Force, with technical assistance from its Special Consultants, Ernst & Whinney, verified that a significant Salary Gap exists in fiscal year 1987 and projected that, if no action is taken, the Salary Gap would continue to grow for a number of years. Eventually, turnover and retirements reduce and eliminate the Salary Gap. (Detailed projections of the Salary Gap using four different sets of assumptions are set forth in Appendix C.)

Two methodologies were used to calculate the Salary Gap: 1) the UMMS Finance Department methodology, and 2) the Ernst & Whinney methodology. The two calculations differ in the treatment of turnover; although the Ernst & Whinney methodology results in a lower Salary Gap figure in each year in which turnover occurs, both methodologies result in a significant Salary Gap over time. On a net present value (at 7%) basis and depending on the methodology and assumptions used, the Salary Gap projections range between \$14.7 million and \$57.8 million. The lowest projection (\$14.7 million) assumes no regrades and a State cost of living adjustment that is as low as the assumed HSCRC increase, thereby demonstrating the significant cumulative impact in future years of the current Salary Gap.

The Task Force does not consider selection of the Salary Gap calculation methodology a part of its charge. Rather, the Task Force recommends that the State Department of Budget and Fiscal Planning make the methodology selection. In any event, much of the uncertainty associated with the critical Salary Gap assumptions would be removed if the Task Force's recommendations, as described in Section VI of this Report, were implemented. The variability in UMMS non-corporation employee turnover rates could be adjusted on an annual basis.

V. ALTERNATIVE SOLUTIONS

A number of alternative methods for resolving the Salary Gap were considered and analyzed by the Task Force. In evaluating alternatives, the Task force was particularly sensitive to the needs, desires, and concerns of UMMS employees. The Task Force's sensitivity to employee concerns is demonstrated by the Task Force's unanimous rejection of any proposal that included a provision for mandatory conversion of non-corporation employees to the corporate system. In addition, UMMS nurses had Task Force representatives who were encouraged to participate fully in the discussion and debate (although, not being formal members, they had no vote).

The Task Force spent a significant amount of time considering a financial incentive program to encourage voluntary transfers of non-corporation employees to the corporate system. (The voluntary incentive analysis is included as Appendix D.) After study, however, a majority of the Task Force concluded that such a program, implemented independently of other actions, would be inordinately speculative and would not adequately address the financial issues surrounding the Salary Gap. Potential advantages of a voluntary incentive were thought to warrant additional analysis, however; as discussed in Section VI of this Report, voluntary incentives, coupled with a restriction on the increase of the Salary Gap, should be implemented if proven fiscally beneficial.

The Task Force considered several basic means of addressing the Salary Gap issue. A summary follows:

- Remerge the Hospital with the State. The reasons for supporting separate UMMS governance in 1984 were thought to still apply. This approach, therefore, was not considered viable.
- o <u>UMMS</u> assumes responsibility for the Salary Gap. The HSCRC restrictions on UMMS do not make this a financially viable option for UMMS. This action, therefore, was rejected by the Task Force.
- The State General Assembly continues to fund the Salary Gap. The Joint Chairman's Report (Appendix A) and the Governor's Charge Letter to the Task Force (Appendix B) clearly indicated the lack of support for continued, uncontrolled Salary Gap funding. Thus, the Task Force rejected this alternative.

- o Exempt UMMS non-corporation employees from mandated State

 COLA and ASR increases. Several detailed proposals
 incorporating this concept were seriously considered by
 the Committee. As indicated in Section VI, this action is
 a key component of the Task Force's final recommendations.
- o Create an incentive for voluntary conversion. Although somewhat appealing, the majority of the Task Force ultimately recognized that this concept alone would not adequately address the financial issues surrounding the Salary Gap. (See Appendix D for a more detailed discussion of the problems inherent in such an approach.) An incentive program, in conjunction with the COLA and ASR exemption, could prove fiscally beneficial, however; additional analysis is required.
- o Require mandatory conversion of all non-corporation employees to the corporate system. This action was unanimously rejected by the Task Force.
- Exempt the Hospital from the HSCRC rate review process or modify the statutory responsibilities of the HSCRC. A presentation by Harold Cohen, Executive Director of the HSCRC, convinced the majority of the Task Force that this was not a viable approach. Moreover, such an approach would not be in the competitive interest of UMMS and would be contrary to the Governor's charge to create a solution that is market driven.

VI. RECOMMENDATIONS

The specific recommendations, adopted by the Task Force at its meeting on December 5, 1986, are as follows:

- 1. Effective July 1, 1987, non-corporation employees will be exempt from State-mandated COLAs and ASRs. No other benefits will be changed.
- 2. For FY 1988, non-corporation employees will receive a one time "bonus" equivalent to what they would have received through the State ASR/COLA process. The cost of the bonus will be shared by UMMS and the State, based on the current calculation of the aggregate salary gap, with the State funding the salary gap portion of the bonus. For future years, salary increases for non-corporation employees will be based on market conditions, and non-corporation employees will be treated equitably relative to corporation employees in the hospital's consideration of increases.
- 3. A detailed study will be commissioned to develop voluntary incentive programs to make it attractive for non-corporation employees to switch to corporation status for some or all purposes. The program would have to prove fiscally beneficial even if only a limited number of employees were to switch. The Task force recommends that, to the extent possible, any incentives be applied retroactively to former non-corporation employees who already have transferred to the corporate system in the interim.
- 4. If practical, the incentive programs should be implemented in FY 1989.
- 5. The State's contribution to the salary gap will cease no later than June 30, 1989. The State, nonetheless, will continue to fund the pension gap for those employees who choose to stay in the State system.
- 6. UMMS, in consultation with the State Department of Personnel and the State Department of Employment and Training, will make arrangements to provide preferential hiring for non-corporation employees who prefer to leave UMMS but stay in the State's employment.

The vote for these recommendations was as follows:

In Favor

Opposed

Mr. Aisenstark

Mr. McGowan

Mr. Ricker

Ms. Smyth

Ms. Wall

Mr. Bolander Mr. Dixon Mr. Kane

Mr. Springer (for Mr. Adler)

Absent: Mr. Blount

These recommendations were also supported by the non-voting UMMS nursing representatives. Because nurses constitute approximately 40% of the UMMS work force, their representatives' participation in the Task Force's discussions and deliberations was particularly helpful. The representatives, Ms. Mills and Ms. Williams, asked that their support for the Task Force recommendations be formally recorded.

APPENDIX A: Governor's Letter to Joint Chairman/
1986 Joint Chairman's Report (Excerpt)



STATE OF MARYLAND EXECUTIVE DEPARTMENT

ANNAPOLIS, MARYLAND 21404

March 20, 1986

The Honorable Laurence Levitan Chairman, Budget and Taxation Committee 100 James Senate Office Building Annapolis, Maryland 21401-1991

The Honorable R. Clayton Mitchell Chairman, Appropriations Committee 130 Lowe House Office Building Annapolis, Maryland 21401-1991

Dear Chairmen Levitan and Mitchell:

The FY 87 Supplemental Budget No. 2 includes a \$2,000,000 appropriation to cover that portion of the State cost of living adjustment for University employees which is not recoverable through the medical system rate structure. It can be found in Object .12 Grants, Subsidies and Contributions in 37.17.00.01.

This appropriation is made in FY 87 to provide a short term solution to a long term problem. The problem must be addressed on a permanent basis, and I will be appointing a Task Force to explore alternative solutions so that the University of Maryland Medical System Corporation does not experience this "salary gap" each year in which State employees receive a cost of living adjustment. The Task Force will include at a minimum, representatives of the UMMS Board of Directors and staff, the employees, and other interested parties.

It is my expectation that this Task Force will identify a long term solution to this issue which will require legislative action to implement. The final report of the Task Force as well as any recommended legislation should be prepared by December 1, 1986 for possible introduction in the 1987 Session of the General Assembly.

I would be pleased to discuss this matter with you in greater detail.

104.01

GOVETNOT

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36.17.00

AID TO UNIVERSITY OF MARYLAND MEDICAL SYSTEM

BUDGET BILL LANGUAGE

36.17.00.00 - General Fund Appropriation

Change the Budget Bill language to read:

General Fund Appropriation provided that \$3,603,165 \$3,203,165 may be used for no other purpose purposes than to fund the difference between the costs of University Hospital non-corporation employee pension costs and the amount included in its rate structure to cover such costs and te-cover-the retirees-health-insurance-costs; and for funding the cost of the employer's share of health insurance incurred on behalf of University Hospital non-corporation retirees.

Explanation: This corrects an error and clarifies the use of funds.

COMMITTEE NARRATIVE

36.17.00.00 General Fund Appropriation

It is the intent of the budget committees that the appropriation provided in Supplemental Budget No. 2, to cover the University of Maryland Medical System's salary gap, not be a long-term recurring item in the budget. Rather, it is the intention of the budget committees that the Medical System find a permanent solution to the problem.

It is the understanding of the budget committees that the Governor is in the process of appointing a task force to explore alternative solutions so that the Medical System does not experience this salary gap each year in which state employees receive a cost of living adjustment. It is anticipated this task force will have a final report by December 1, 1986.

Further, it is the understanding of the budget committees that with the \$2 million appropriation for the salary gap the Medical System will be in position to provide a cost of living adjustment to all eligible employees and it will not be necessary to layoff existing personnel to accomplish the purpose.

APPENDIX B: Governor's Charge Letter to Task Force



GOVERNOR

STATE OF MARYLAND EXECUTIVE DEPARTMENT

ANNAPOLIS, MARYLAND 21404

July 24, 1986

Mr. Avery Aistenstark 6700 Cross Country Boulevard Baltimore, Maryland 21215

Dear Mr. Aisenstark:

The 1986 General Assembly authorized a \$2 million appropriation to the University of Maryland Medical System (ULTS) to provide funds to cover that portion of the state cost of living adjustments for University employees which is not recoverable through the medical system rate structure.

It was the intent of the budget committees that the appropriation not be a recurring item in the budget, and they directed the UMNS to identify a permanent solution to the problem.

In a March 20, 1986 letter to the Chairmen of the Senate Budget and Taxation Committee and the House Appropriations Committee, I indicated my intention to appoint a Task Force to explore alternatives to solve the "salary gap" problem on a permanent basis.

I am requesting that the Task Force on the Salary Gap examine and recommend possible State initiatives which are designed to:

* Recognize that the personnel system of the UMMS should be driven by the hospital market place. The Health Services Cost Review Commission's all payor system is predicated on this theory, and is designed to respond to a market place that is dynamic and in a constant state of flux.

- * Examine the difference in the mandated salary levels and fringe benefits afforded state employees versus those of the hospital market place. The personnel system for the UMMS should reflect the trends in the market place. The Task Force should explore, identify and recommend means to achieve this, and to eliminate the need for a State subsidy in future years.
- * Investigate and recommend retraining opportunities for employees as a means of responding to the dynamic market place.
- * Develop an appropriate education and information process to assure that employees are aware of potential changes to their employee status.

I am pleased to appoint you Chairman of the Task Force. Your knowledge and expertise will be an important asset to the deliberations and recommended alternative solutions. I would appreciate your contacting the members to set the time and place of the first meeting.

To comply with the intent of the budget committees, I am requesting that the Task Force submit a report to me, including recommended legislation, by December 1, 1986 for possible introduction in the 1987 Session of the General Assembly.

The responsibility of the Task Force on the Salary Gap is vitally important to the future of the UMMS. Your efforts in this matter are appreciated and I thank you for agreeing to serve in this capacity.

Sincerely,

MULLY

Governor

APPENDIX C: Salary Gap Projections

This appendix includes the detailed Salary Gap projections under four different sets of assumptions. The future cost of living adjustments varied between 2.0 and 3.5% per year; regrades were set at either 0 or a combination of a 1.0% increase in FY 1988 and a constant .5% annual increase thereafter; and HSCRC and turnover assumptions were held constant at a 2.0% annual increase and 14.1% of the annual gross salary expense, respectively. The sources of the assumptions were as follows:

COLA:	The 2.0% annual increase assumed in Scenarios 1 and 2 was set to equal the HSCRC increase assumption.
	The 3.0% annual increase assumption under

The 3.0% annual increase assumption under Scenario 3 was provided by Dave Ricker of the State Department of Budget and Fiscal Planning.

The 3.5% annual increase assumption under Scenario 4 was provided by UMMS budget office personnel and is based on the FY 1987 actual increase.

Regrades:	Scenario 1 assumes no regrades. Scenarios 2
	through 4 assume a 1.0% increase in FY 1988 based
	on UMMS budget office projections and a .5%
	increase in future years based on the FY 1987
	actual increase.

HSCRC:

The 2.0%	annual	increa	se is	based	d on c	current
	1986)	HSCRC	salary	and	wage	inflation
factors.						

Turnover: The 14.1% annual turnover rate was provided by the University Personnel office and is based on historical experience.

Salary Gap Projection Summary

					Net Present	Value @ 7%
Scenario	COLA	Regrades	HSCRC	Turnover	UMMS	E&W
1	2.0%	0	2.0%	14.1%	\$17,724,000	\$14,745,000
2	2.0%	1.0/.5%	2.0%	14.1%	27,463,000	24,029,000
3	3.0%	1.0/.5%	2.0%	14.1%	46,682,000	40,966,000
4	3.5%	1.0/.5%	2.0%	14.1%	57,764,000	50,045,000

547,906	
625,333	737,823
713,704	842,090
816,563	961,093
929,676	1,0%,912
1,061,055	1,251,926
1,211,002	1,428,845
1,382,138	1,630,767
1,576,472	1,850,219
1,785,931	2,112,131
2,009,012	
2,172,687	2,383,439
2,224,475	2,6/6,029
2,036,260	7,010,024
1,551,188	
ERIST & UNITARY PETHODOLOGY	UNIS IL INDOLUGI

NET PRESENT VALUE

14,744,557 ERIST & WHINNEY RETHODOLOGY UPIS RETHODOLOGY 1987 - 2031

13,913,488 NET PRESENT VALUE 84 1987 - 2031 Ernst & Jatimey Pethodology UPPS FETHODOLOGY

NET PRESENT VALUE 94 1987 - 2031 Ernst & Milwey Nethodolosy UPPS RETHODOLOSY

15,643,043 12,482,255 1987 - 2031 ERNST & LATINNEY PETHODOLOGY NET PRESENT VALUE UPPS RETHODOLOGY

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ERIST & LATINACY PETHODOLOGY	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
STATE SALARIES: ASSUNED PREVIOUS JAN. STEP CLASSIFIED AND ASSOCIATES SPLIT FUNDED OVERTINE	(9,67),488 , (5,779,075 2,872,540 2,647,119 1,862,729 1,716,552	45,779,075 2,647,119 1,716,552	40,627,532 2,349,237 1,523,388	35, 919, 139 2, 076, 980 1, 346, 840	31,634,777 1,829,242 1,186,192	27,794,667 1,607,181 1,042,194	24,373,542 1,409,370 913,921	21, 362,155 1,235,260 801,005	18,717,692 1,082,328 701,847	16,400,067 948,314 614,944	14,369,411 830,894 538,802	12, 590, 190 728, 012 472, 087	11,031,273 637,870 413,633	9,665,381 558,889 362,417	8,468,613 489,687 317,543
SUBTOTAL	54, 297, 127	50, 142, 746	44,500,157	39, 342, 959	34,650,210	30,643,841	26,6%,834	23, 398, 400	20,501,866	17,963,325	15,739,106	13,790,290	12,082,776	10,586,687	9,275,843
COLA INCREASE JULY STEP INCREASE PREVIOUS JAN. STEP (1/2) JAN. STEP INCREASE (1/2) REGRADES	1,900,399 679,097 115,630 115,630 263,679	1,002,855 664,239 115,630 79,137	890,003 284,689 79,137 46,898	786,859 140,054 46,898 21,076	693,004 66,849 21,076 9,886	14,607 14,607 9,886 1,957 0	533,937 5,624 1,957 764	467,968 0 764 0	410,037	359,267	314,782	275,806	241,656	211,734	185,517
SUBTOTAL	57, 371, 563	51,804,607	45,800,884	40, 337, 847	35,441,026	31,078,968	27,239,115	23,867,132	20,911,903	18,322,592	16,053,888	14,066,096	12, 324, 432	10, 798, 421	9,461,360
TURMOVER CONVERSIONS	(3,614,408)	(3,652,225)	(3,614,408) (3,652,225) (3,228,962) (2,843,818) 0 0 0 0	(2,843,818)	(2,498,592)	(2,191,067)	(1,920,358)	(1,682,633)	(1,474,289)	(1,291,743)	(1,131,799)	(991,660)	(868,872)	(761,289)	(967,026)
NET STATE SALARIES	53,757,154	48, 152, 382	42,571,922	37,494,029	32,942,434	28,887,901	25,318,757	22,184,699	19,437,614	17,030,849	14, 922, 089	13,074,436	11,455,559	10,037,132	8, 794, 334
REHIRES (REDUCE GAP) Conversions	3,200,223	3,195,641	2,803,643	2,458,624	2,155,449	1,889,249	1,655,481	1,450,546	1,270,939	1,113,571	975,689	854,879	749,028	656,283	575,022 0
TOTAL UMS COST	56,957,378	51,348,023	45,375,365	39, 952, 652	35,097,883	30,777,150	26,974,238	23,635,044	20, 708, 553	18,144,420	15,897,778	13,929,315	12,204,587	10,693,415	9,369,357
HSCRC APPROVED SALARIES	55, 600, 258	49,566,518		38,051,789	33, 340, 217	29,212,031	25,594,997	22,425,825	19,649,059	17,216,113	15,084,414	13,216,662	11,580,174	10,146,317	8,890,000
ESTIMATED SALARY GAP	1,357,120	1,781,505	1,946,173	1,900,863	1,757,666	1,565,119	1,379,241	1,209,220	1,059,494	928,307	813,364	712,654	624,413	860,732	479,356
FRINGE BENEFITS @ 14.3%	194,068	254, 755	278,303	271,823	251,346	223,812	197,231	172,918	151,508	132,748	116,311	101,909	89,291	78,235	68,548
TOTAL SALARY GAP	1,551,188	2,036,260	2,224,475	2,172,687	2,009,012	1,788,931	1,576,472	1,382,138	1,211,002	1,061,055	979,676	814,563	713, 704	625,333	547,904
CUMLATIVE SALARY GAP	1,551,188	3,587,668	5,811,924	7,984,610	9,993,622	11,782,553	13,359,025	14,741,163	15,952,165	17,013,220	17,942,8%	18,757,459	19,471,163	20,0%,4%	20,644,401
APPROXIMATE COST OF 5.25 NET EXTRA HOLIDAYS OF 5.25 NET EXTRA HOLIDAYS OF 5.25 NET EXTRA HOLIDAYS	1,003,103	924, 385	820,364	725, 290	638, 779	561,234	492,158	431,351	377,953	331,155	270,152	254,225	722,747	195,166	171,001

UMS RETHODOLOGY	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
STATE SALARIES: ASSUND PREVIOUS JAN, STEP CLASSIFIED AND ASSOCIATES SPLIT FUNDED OVERTINE	(115,630) 49,677,488 ° 2,872,540 1,862,729	65¦ 2,	40,627,532 2,349,237 1,523,388	35,919,139 2,076,980 1,346,840	31,634,777 1,829,242 1,186,192	27,794,467 1,607,181 1,042,194	24,373,542 1,409,370 913,921	21,362,155 1,235,240 801,005	18,717,692 1,082,328 701,847	16,400,067 948,314 614,944	14,369,411 830,894 538,802	12,590,190 728,012 472,087	11,031,273 637,870 413,633	9,665,381 558,889 362,417	8,468,613 489,687 317,543
SUBTOTAL	54, 297, 127	50,142,746	44,500,157	39,342,959	34,650,210	30,463,841	26,696,834	23,398,400	20,501,866	17,963,325	15,739,106	13, 790, 290	12,082,776	10,586,687	9,275,843
COLA INCREASE JULY STEP INCREASE PREVIOUS JAN. STEP (1/2) JAN. STEP INCREASE (1/2)	1,900,399 679,097 115,630 115,630	1,002,855 664,239 115,630 79,137	890,003 284,689 79,137 46,898	786,859 140,054 46,898 21,076	693,004 66,849 21,076 9,886	608,877 14,407 9,886 1,957	533,937 5,624 1,957	667,968 0 764	410,037	359,267	314,782	275,806	241,656	211,734	185,517
REGRADES SUBTOTAL	57,371,563	51,804,607	45,800,884	40,337,847	35,441,026	31,078,968	27,239,115	23,867,132	20,911,903	:8,322,592	16,053,888	14,066,096	12,324,432	10,798,421	9,461,360
TURNOVER CONVERSIONS	(3,614,408)	(3,652,225)	[3,614,608] [3,652,225] [3,228,962] [2,843,818] [2,498,592] 0 0 0 0	(2,843,818)	(2,498,592)		(2,191,067) (1,920,358) 0 0	(1,682,633)	(1,622,633) (1, 474 ,289) 0 0	(1,291,743)	(1,131,799)	(991,660)	(368,872)	(761,289)	(667,026)
NET STATE SALARIES	53,757,154	48,152,382	42,571,922	37,494,029	32,942,434	28,887,901	25, 318, 757	22,184,499	19,437,614	17,030,849	14,922,089	13,074,436	11,455,559	10,037,132	8,794,334
DIFFERENCE BETWEEN STATE AND HSCRC INCREASES (CUMULATIVE FROM FY 87)	, 80.	\$9.7	5.58	6.08	85.3	6.63	6.68	6.68	6.68	6.48	87.9	6.48	6.63	6.43	6.48
ESTIMATED SALARY GAP	1,753,690	2,203,6%	2,341,232	2,260,227	2,078,837	1,847,883	1,627,488	1,426,743	1,250,083	1,095,298	959,678	840,851	736,737	915,536	565,586
FRINCE BENEFITS @ 16.3%	250,778	315,128	334,796	323,212	297,274	264,267	232,731	204,024	178,762	156,628	137,234	120,242	105,353	92,309	80,879
TOTAL SALARY GAP	2,004,467	2,518,824	2,676,029	2,583,439	2,376,110	2,112,131	1,860,219	1,630,767	1,428,845	1,251,926	1,0%,912	961,093	842,090	737,823	979,465
CURLATIVE SALARY GAP	2,004,467	4,523,291	7,199,320	9,782,759	12,158,869	14,271,000	16,131,219	17,761,986	19,190,832	20,442,757	21,539,670	22,500,762	23,342,852	24,080,675	24,727,140
APPROXINATE COST OF 5,25 EXTRA HOLIDAYS	1,003,103	924, 385	820,364	725, 290	638,779	561,234	851,158	(31,351	377,953	331,155	290,152	254,225	772,747	195,166	171,001

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ASSUMPTIONS:	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 19%	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
COLA INCREASE REGRADES	3.58	2.03	2.04	2.0%	2.04	2.03	2.03	2.04	2.03	2.03	2.03	2.03	2.04	2.04	2.03
HSCRC APPROVED INCREASE TOT. ANNUAL TURNOVER RATE	12.68	2.08	2.08	2.0%	2.08	2.08	2.08	2.0%	2.08	2.08	2.08	2.08	2.08	14.15	2.08
CONVERSIONS CALCULATED STEP INCREASES	0.0 K.1	1.34	0.0	0.03	0.0	0.0	8 8	0 0 8 8	6.0	0.0	6.0	5.0	0.0 8 8	8 8	0.0
NUMBER OF STATE EMPLOYEES TOT. ANNUAL TURNOVER RATE	2,315	2,023	1,738	1,493	1,282	1,102	9%6	14.18	14.18	14.18	515	14.18	380	327	281
	21,459	22,626	23,376	24,059	24,667	25,230	25,757	26,280	26,806	27,342	27,889	28,447	29,016	29,5%	30,188
STEP INCREASES/															
	\$3.63	74.6%	82.8\$	37'06	97.38	98.88	100.0%	100.03	100.03	100.0%	100.0%	100.00	100.04	100.00	100.03
STEP 5 2%	9.28	8.28	7.68	1.58	1.5%	1.28	5 ° ° °	6 6 6 6	50.0	500	5.0	50.0	5 6	0.0	5 6 6 6
	7.68	\$6.9	1.58	1.23	0.03	0.04	0.0	0.0	0.0	0.0	0.0	0.03	0.0	0.0	0.0
	6.9	1.54	1.24	0.0	0.0	0.0	0.0	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0
	1.54	1.2%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.04	0.0	0.0	0.0	0.08	0.0
BASE 64	1.24	0.0	0.0	0.0	0.0	0.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0

SALARY GAP PROJECTIONS

ENST & WINEY RETHODOLOGY UPPS PETHODOLOGY	1,551,188	3,098,913	2,975,685	3,058,129	2,986,008	2,821,915	2,637,276 2,966,795	2,468,591	2,266,016	2,091,631	1,926,146	1,769,976	1,623,302	1,686,126	1,358,307
NET PRESENT VALUE 72 1987 - 2031 ERNST & JAHIJMEY PETHODOLOGY 24,028,972- UPIS PETHODOLOGY 27,463,323	24.028,972. 27,463,323	-													
NET PRESENT VALUE 84 1987 – 2031 ERNST 8 LATUNETY RETHODOLOGY UNYS PETHODOLOGY	22,355,103														
94 1987 - 2031 1987 - 2031 EBIST & METHODOLOGY UNES PETHODOLOGY	20,892,619														
NET PRESENT VALUE 10% 1987 - 2031 ERNST & METNACY PETHODOLOGY UMPS PETHODOLOGY	19,555,237														

ERNST & WITHNEY PETHODOLOGY	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
ATE SALARIES: ASSUNED PREVIOUS JAN. STEP CLASSIFIED AND ASSOCIATES SPLIT FUNDED OVERTIME	(115,630) 49,677,488° 2,872,540 1,862,729	12, 2, 1,	41,020,774 2,371,976 1,538,133	36,439,399 2,107,064 1,366,348	32,248,161 1,864,711 1,209,191	28,471,366 1,646,322 1,067,575	25,089,254 1,450,755 940,758	22,097,150 1,277,741 828,564	19,456,602 1,125,054 729,553	17,131,051 990,582 642,353	15,083,462 872,183 565,576	13,280,612 767,935	11,693,246 676,148 438,455	10,295,611 1 595,331 386,049	9,065,028 524,174 339,906
	54, 297, 127	50, 142, 746	44,930,883	39,912,811	35, 322, 063	31,185,263	27,480,767	24, 203, 656	21,311,209	18,763,987	16,521,221	14,546,522	12,807,849	11,276,991	9,929,109
COLA INCREASE	1,900,399	1,002,855	898,618	798,256	706,441	623,705	5,755	484,069	426,224	375,280	330,424	290,930	256,157	225,540	198,582
PREVIOUS JAN. STEP (1/2)	115,630	115,630	79,137	46,812	21,260	10,020	1,993	782	00	0 0	00	00	00	00	00
JAN. SIEF INCREASE (1/2) REGRADES	263,679	501,427	224,654	199,564	176,610	155,926	137,404	121,017	106,556	93,820	82,606	72,733	64,039	56, 385	999'69
	57,371,563	52, 306, 034	46,464,274	(1,119,981	36, 304, 147	31,991,580	28,176,316	24,809,324	21,843,989	19,233,087	16,934,252	14,910,185	13,128,046	11,558,916	10,177,336
	(3,614,408)	(3,687,575)		(3,275,731) (2,896,959) 0 0	(2,559,442)	(2,255,406)	(1,986,430)	(1,749,057)	(1,540,001)	(1,355,933)	(1,193,865)	(1,051,168)	(925,527)	(814,904)	(717,502)
NET STATE SALARIES	53,757,154	48,618,459	43,188,542	38, 221, 022	33,744,705	29,736,173	26,189,886	23,060,266	20, 303, 988	17,877,154	15,740,387	13,859,017	12,202,518	10,744,012	9,459,834
REHIRES (REDUCE GAP) CONVERSIONS	3,200,223	3,226,572	2,844,048	2,506,295	2,207,942	1,944,725	1,712,440	1,507,808	1,327,587	1,168,907	1,029,194	906,179	797,868	702,503	618,536
	56,957,378	51,845,031	46,032,591	40,727,317	35,952,647	31,680,898	27,902,326	24,568,075	21,631,575	19,046,061	16,769,581	14,765,197	13,000,387	11,446,515	10,078,371
HSCRC APPROVED SALARIES	55,600,258	49,566,518	43,429,192	38,051,789	33, 340, 217	29, 212, 031	25,594,997	22,425,825	19,649,059	17, 216, 113	15,084,414	13,216,662	11,580,174	10,146,317	8,890,000
ESTIMATED SALARY GAP	1,357,120	2,278,513	2,603,399	2,675,528	2,612,630	2,468,867	2,307,328	2,142,250	1,982,516	1,829,949	1,685,167	1,548,535	1,420,212	1,300,198	1,188,370
FRINGE BENEFITS @ 14.3%	194,068	325,827	372,286	382,601	373,578	353,048	329,948	306, 342	283,500	261,683	240,979	221,441	203,090	185,928	169,937
	1,551,188	2,604,340	2,975,685	3,058,129	2,986,008	2,821,915	2,637,276	2,448,591	2,266,016	2,091,631	1,926,146	1,769,976	1,623,302	1,486,126	1,358,307
CUMLATIVE SALARY GAP	1,551,188	4,155,528	7,131,213	10, 189, 342	13,175,350	15,997,265	18,634,542	21,083,133	23,349,149	25,440,780	27,366,927	29,136,902	30,760,205	32,246,331	33,604,639
PROXINATE COST OF 5.25 NET EXTRA HOLIDAYS	1,003,103	924,385	828, 306	735,7%	651,165	574,903	506,610	446,192	392,874	345,915	304,570	268,166	236,114	207,892	183,044

FY 2000 FY 2001	10,295,611 9,065,028 595,331 524,174 386,049 339,906	11,276,991 9,929,109	225,540 198,562 0 0 0 0 0 0 56,385 49,646	11,558,916 10,177,336	(814,904) (717,502)	10,744,012 9,459,834	13.48 13.98	1,441,203 1,316,242	206,092 188,223	1,647,295 1,504,465	36,769,814 38,274,279	207,892 183,044
FY 1999	11,693,246 10, 676,148 438,455	12,807,849 11,	256,157 0 0 64,039	13,128,046 11,	0 (725,527)	12,202,518 10,	12.98	1,575,834 1	225,344	e0 H	35,122,520 36	236,116
FY 1998	13,280,612 767,935 497,976	14,546,522	00,930	14,910,185	(1,051,168)	13,859,017	12.48	1,720,459	246,026	1,966,485	33, 321, 342	268,166
FY 1997	15,083,462 872,183 565,576	16,521,221	330,424	16,934,252	(1,193,865)	15,740,387	11.98	1,875,311	268,169	2,143,480	31,354,856	304,570
FY 1996	17,131,051 990,582 642,353	18,763,987	375,280 0 0 95,820	19,233,067	(1,355,933)	17,877,154	11.48	2,040,500	291,791	2,332,291	29,211,376	345,915
FY 1995	19,456,602 1,125,054 729,553	21,311,209	426,224 0 0 0 106,556	21,843,989	(1,540,001)	20, 303, 988	10.98	2,215,979	316,885	2,532,864	26,879,085	392,874
FY 1994	22,097,150 1,277,741 828,564	24,203,456	484,069 0 782 0 121,017	24,809,324	(1,749,057)	23,060,266	10.43	2,401,498	343,414	2,744,912	24, 346, 221	761,333
FY 1993	25,089,254 1,450,755 940,758	27,480,767	5,755 1,993 782 137,404	28,176,316	(1,986,430)	26, 139, 886	9.98	2,595,621	371,174	2,966,795	21,601,309	506,610
FY 1992	28,471,366 1,646,322 1,067,575	31,185,263	623, 705 14, 673 10,020 1,993 155,926	31,991,580	(2,255,406)	29,736,173	9,68	2,789,175	398,852	3,188,027	18,634,514	574,903
FY 1991	32,248,161 1,864,711 1,209,191	35, 322, 063	706,441 67,752 21,260 10,020 176,610	36,304,147	(2,559,442)	33,744,705	e0 e0	2,%7,565	424,362	3,391,927	15,446,488	651,165
FY 1990	36,439,399 2,107,064 1,366,348	39,912,811	798,256 141,277 46,812 21,260 199,564	41,119,981	(2,898,959)	38, 221, 022	8.08	3,062,955	438,003	3,500,957	12,054,561	735,796
FY 1989	41,020,774 2,371,976 1,538,133	44,930,883	398,618 284,169 79,137 66,812 224,654	46,464,274	(3,614,408) (3,687,575) (3,275,731) (2,898,959) 0 0 0	43,188,542	7.08	3,018,568	431,655	3,450,223	8,553,604	828,304
FY 1988	2,647,119 1,716,552	50,142,746	1,002,855 464,239 115,630 79,137 501,427	52, 306, 034	(3,687,575)	48,618,459 43,188,542	5.68	2,711,210	387, 703	3,098,913	5,103,381	924, 385
FY 1987	(115 ₁ 630) 49,677,488 · 2,872,540 1,862,729	54,297,127	1,900,399 679,097 115,630 115,630 263,679	57,371,563	(3,614,408)	53,757,154	3.38	1,753,690	250,778	2,004,467	2,004,467	1,003,103
UPPS PETHODOLOGY	STATE SALARIES: ASSUMED PREVIOUS JAN. STEP CLASSIFIED AND ASSOCIATES SPLIT FUNCED OVERTIME	SUBTOTAL	COLA INCREASE JULY STEP INCREASE PREVIOUS JAN. STEP (1/2) JAN. STEP INCREASE (1/2) REGRADES	SUBTOTAL	TURNOVER	NET STATE SALARIES	DIFFERENCE BETWEEN STATE AND HSCRC INCREASES (CUMULATIVE FROM FY 87)	ESTINATED SALARY GAP	FRINCE BENEFITS @ 14.3%	TOTAL SALARY GAP	CUMLATIVE SALARY GAP	APPROXIMATE COST OF 5.25 EXTRA HOLIDAYS

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ASSUPTIONS:	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 19%	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
COLA INCREASE	3.58	2.03	2.0\$	2.0%	2.0%	2.0%	2.08	2.0\$	2.03	2.0%	2.0%	2.0\$	2.0%	2.0	2.0\$
REBRANES HSCRC APPROVED INCREASE	2.68	2.0	2.04	2.04	2.04	2.0	2.04	2.03	2.0%	2.04	2.04	2.04	2.0%	2.0	2.0%
TOT. ANNUAL TURNOVER RATE	12.6%	14.18	14.1%	16.18	14.18	14.14	14.18	16.18	14.13	14.18	14.18	14.18	14,18	14.14	14.18
CONVERSIONS	0.0	0.0	0.0	0.0	0.0	0.0	0.04	0.04	0.04	0.04	0.0	0.04	0.0	0.03	0.0
CALCULATED STEP INCREASES	1.7	1.3%	0.9	0.5	0.38	0.13	0.0	0.04	0.0	0.0	0.04	0.0	0.0	0.03	0.0
NUMBER OF STATE EMPLOYEES	2,315	2,023	1,738	1,693	1,282	1,102	9%6	813	869	99	515	663	380	327	281
TOT. ANNUAL TURNOVER RATE	12.61	14.1%	14.18	16.18	14.18	14.18	14.18	14.18	14.18	14.18	14.13	14.18	14.18	14.18	14.18
	21,459	22,626	23,602	24,407	25,146	25,845	26,513	27,184	27,865	28,561	29,275	30,007	30,757	31,526	32, 314
	105.44	104.31\$	103.41%	103.024	102.78\$	102.591	102.538	102.50\$	102.50\$	102.504	102.50\$	102.50\$	102.50\$	102.50\$	102.50\$
STEP INCREASES/															
EMPLOYEE 01STR18UT1ON:															
STEP 6 OR	65.44	74.64	82.8%	17.06	97.38	98.88	100.03	100.04	100.03	100.04	100.04	100.04	100.04	100.04	100.04
	9.28	8.24	7.68	6.98	1.58	1.2%	0.04	0.03	0.04	0.0	0.04	0.0	0.0	0.0	0.04
7	8.28	7.61	6.98	1.58	1.24	0.0	0.04	0.04	0.0	0.0	0.04	0.04	0.0	0.04	0.0
2	7.68	6.9	1.54	1.28	0.04	0.04	0.03	0.0	0.04	0.0	0.04	0.0	0.0	0.04	0.0
STEP 2 6\$	6.9	1.5%	1.24	0.00	0.04	0.04	0.04	0.0	0.03	0.04	0.04	0.0	0.0	0.0	0.0
	1.51	1.24	0.04	0.03	0.0	0.04	0.0	0.0	0.04	0.0	0.0	0.04	0.0	0.04	0.04
BASE 64	1.23	0.0	0.04	0.04	0.0	0.0	0.04	0.03	0.04	0.0	0.0	0.0	0.04	0.0	0.0

K	1987 - 2031 Ernst & Hainney Hethodology Imas methadology	NET PRESENT VALLE 83	METHADOLOGY	UMIS PETHODOLOGY	NET PRESENT VALUE 9% 1987 - 2031	ERNST & WHINNEY METHODOLOGY UPPS METHODOLOGY	NET PRESENT VALUE 108 1987 - 2031	ERNST & UNINNEY METHODOLOGY UMIS METHODOLOGY
	40,966,483		37,608,250	42,828,292		35,147,897		32,107,841
	_							
		10,98,423	40,986,483, 1	60,966,483, 1	40,96,483, 1 46,682,426 37,608,250 42,826,232	10,96,483, 1 46,682,428 37,608,250 42,828,292	10,966,423. 1 16,682,426 37,608,290 42,828,292 42,828,292 40,026,441	40, 96, 483, 1 46, 62, 426 37, 68, 250 42, 28, 292 40, 026, 441

ERNST & LATINARY METHODOLOGY	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993	FY 1996	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
STATE SALARIES: ASSUMED PREVIOUS JAN. STEP CLASSIFIED AND ASSOCIATES SPLIT FUNCED OVERTIME	(115,630) 49,677,488· 2,872,540 1,862,729	45,779,075 2,647,119 1,716,552	41,414,016 2,394,715 1,552,878	37,140,911 2,147,628 1,392,652	33,185,781 1,918,927 1,244,349	29,583,168 1,710,611 1,109,264	26,322,779 1,522,082 987,011	23,409,584 1,353,631 877,776	20,813,277 1,203,502 780,424	18,504,357 1,069,992 693,848	16,451,576 951,292 616,876	14,626,520 845,761 548,442	13,003,927 751,936 487,601	11,561,337 668,520 433,509	10,278,780 594,358 385,418
SUBTOTAL	54,297,127	50, 142, 746	45, 361,610	40,681,191	36,349,057	32,403,042	28,831,872	25,640,990	22,797,204	20,268,196	18,019,744	16,020,723	14,243,464	12,663,366	11,258,555
COLA INCREASE JULY SIEP INCREASE	1,900,399	1,504,282	1,360,848 283,649	1,220,436	1,090,472 68,927	15,071	5,956	769,230	683,916	608,046	540,592	480,622	427,304	379,901	337,757
JAN. STEP INCREASE (1/2) REGRADES	115,630	79,137	46,726	21,424	10,193	2,047	811	128,205	113,986	101,341	0 660,099	80,104	71,217	63,317	56,293
SUBTOTAL	57, 371, 563	52,807,462	47,358,778	42,315,550	37,721,819	33,564,461	29,849,814	26, 539, 236	23, 595, 106	20,977,583	18,650,435	16,581,449	14,741,986	13,106,583	11,652,605
TURNOVER	(3,614,408)	(3,614,408) (3,722,926) 0 0	(3,338,794) (2,983,246) 0	(2,983,246)	(2,659,388)	(2,366,294)	(2,104,412)	(1,871,016)	(1,663,455)	(1,478,920)	(1,314,856)	(1,314,856) (1,168,992) 0 0	(1,039,310)	(924,014)	(821,509)
NET STATE SALARIES	53,757,154	49,084,536	44,019,984	39, 332, 303	35,062,430	31,198,166	27,745,402	24,668,220	21,931,651	19,498,663	17,335,579	15,412,456	13,702,676	12, 182, 569	10,831,096
RENITRES (REDUCE GAP) CONVERSIONS	3,200,223	3,257,504	2,898,800	2,579,166	2,294,162	2,040,338	1,816,148	1,612,945	1,434,013	1,274,931	1,133,4%	1,007,752	895,957	7%,564	708,197
TOTAL UPPS COST	56,957,378	52, 342, 039	46,918,785	41,911,470	37, 356, 592	33,238,505	29,559,551	26, 281, 165	23, 365, 664	20,773,594	18,469,075	16,420,208	14,598,632	12,979,133	11,539,293
HSCRC APPROVED SALARIES	55,600,258	49,566,518	43,429,192	38,051,789	33,340,217	29,212,031	25,594,997	22,425,825	19,649,059	17,216,113	15,084,414	13,216,662	11,580,174	10,146,317	8,890,000
ESTIMATED SALARY GAP	1,357,120	2,775,521	3,489,593	3,859,680	4,016,376	4,026,474	3,964,553	3,855,340	3,716,605	3,557,481	3,384,662	3,203,547	3,018,458	2,832,816	2,649,293
FRINCE BENEFITS @ 14.38	194,068	396,900	499,012	551,934	574,342	575,786	566,931	551,314	531,474	508,720	484,007	458,107	431,639	405,093	378,849
TOTAL SALARY GAP	1,551,188	3,172,421	3,988,605	4,411,615	4,590,717	4,602,259	4,531,484	4,406,653	4,248,079	4,066,201	3,868,668	3,661,654	3,450,098	3,237,909	3,028,142
CUMLATIVE SALARY GAP	1,551,188	4,723,609	8,712,214	13,123,828	17,714,546	22,316,805	26,848,289	31,254,943	35,503,022	39,569,223	43,437,891	47,099,545	50,549,642	53,787,551	56,815,693
APPROXIMATE COST OF 5,25 NET EXTRA HOLIDAYS	1,003,103	924,385	836,245	749,961	670,079	597,352	531,518	172,694	420,268	373,646	332,195	295, 343	262,579	233,450	207,552

UMES PETHODOLOGY	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 19%	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
STATE SALARIES: ASSUMED PREVIOUS JAN. STEP CLASSIFIED AND ASSOCIATES SPL11 FUNDED OVERTIME	(1,5,630) (9,677,488' 2,872,540 1,862,729	48, 779, 075 2, 647, 119 1, 716, 552	41,414,016 2,394,715 1,552,878	37,140,911 2,147,628 1,392,652	33,185,781 1,918,927 1,244,349	29, 583, 168 1, 710, 611 1, 109, 264	26, 322, 779 1, 522, 082 987, 011	23,409,584 1,353,631 877,776	622	18,504,357 1,069,992 693,848	16,451,576 951,292 616,876	14,626,520 845,761 548,442	13,003,927 751,936 487,601	11,561,337 668,520 433,509	10,278,780 594,358 385,418
SUBTOTAL	54,297,127	50, 142, 746	45,361,610	40,681,191	36,349,057	32,403,042	28,831,872	25,640,990	22,797,204	20,268,196	18,019,744	16,020,723	14,243,464	12,663,366	11,258,555
COLA INCREASE JULY STEP INCREASE PREVIOUS JAN. STEP (1/2) JAN. STEP INCREASE (1/2) REGRADES	1,900,399 679,097 115,630 115,630 263,679	1,504,282 464,239 115,630 79,137 501,427	1,360,848 283,649 79,137 46,726 226,808	1,220,436 142,367 46,726 21,424 203,406	1,090,472 68,927 21,424 10,193 181,745	972,091 15,071 10,193 2,047 162,015	5,969 2,047 811 144,159	769,230 0 811 0 128,205	683,916 0 0 0 113,986	00,046	540,592 0 0 0 90,099	480,622 0 0 0 0 80,104	427,304 0 0 71,217	379,901 0 0 0 0 63,317	337,757
SUBTOTAL	57, 371, 563	52,807,462	47,358,778	42,315,550	37,721,819	33,564,461	29,849,814	26,539,236	23,595,106	20,977,583	18,650,435	16,581,449	14,741,986	13,106,583	11,652,605
TURNOVER COMPERSIONS	(3,614,408)	(3,722,926)	(3,614,408) (3,722,926) (3,338,794) (2,983,246) (2,659,388) 0 0 0	(2,983,246)	(2,659,388)		(2,366,294) (2,104,412) 0 0	(1,871,016)	(1,663,455)	(1,678,920)	(1,314,856)	(1,168,992)	(1,039,310)	(924,014)	(821,509)
NET STATE SALARIES	53,757,154	49,084,536	44,019,984	39, 332, 303	35,062,430	31,198,166	27,745,402	24,668,220	21,931,651	19,498,663	17,335,579	15,412,456	13,702,676	12,182,569	10,831,0%
DIFFERENCE BETWEN STATE AND HSCAC INCHEASES (CUMLATIVE FROM FY 87)	3.38	6.68	9.0	11.08		16.68		17.68	18.94	20.63	21.98	23.48	26.98	28.43	27.9%
ESTIMIED SALARY GAP	1,753,690	3,228,046	3,952,676	4,325,278	4,478,653	6,479,325	4,408,264	4,290,157	4,143,203	3,976,057	3,795,006	3,605,194	3,410,792	3,215,154	3,020,948
FRINGE BENEFITS @ 16.38	250,778	461,611	565,233	618,515		640,543	630,382	613,692	592,478	568,576	542,686	515,543	487,743	459,767	431,996
TOTAL SALARY GAP	2,004,467	3,689,657	4,517,909	4,943,793	5,119,100	5,119,868	5,038,646	6,903,649	4,735,681	4,544,633	4,337,692	4,120,737	3,898,535	3,674,922	3,452,943
CUMILATIVE SALARY GAP	2,004,467	5,694,124	10,212,033	15,155,826	20,274,926	25,394,794	30,633,661	35,337,090	40,072,771	44,617,403	48,955,096	53,075,833	56, 974, 368	60,649,290	64, 102, 233
APPROXIMATE COST OF 5.25 Extra Holidays	1,003,103	924,385	836,265	749,961	670,098	597,352	531,518	75,6%	420,268	373,646	332,195	295,343	262,579	233,450	207,552

3,944,890 4,192,766 6,438,713 6,678,048 5,587,666 5,111,970 5,290,282 5,428,844 5,513,238 5,518,376 6,152,343 5,410,538 5,098,147 5,066,314 3,456,461 1,551,188 ERNST & UNINNEY PETHODOLOGY NET PRESENT VALUE UMES PETHODOLOGY

50,045,097 ' ' 57,763,541

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1987 - 2031

45,756,326 52,709,680 1987 - 2031 ERNST & MHINNEY PETHODOLOGY NET PRESENT VALUE

NET PRESENT VALUE

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42,762,921 ernst & uhtimety Pethodology Upps pethodology 1987 - 2031

5 NET PRESENT VALUE

1987 - 2031

38,773,441 ERNST & WHINNEY METHODOLOGY UNTS PETHODOLOGY

ERNST & LATINNEY PETHODOLOGY	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 19%	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
STATE SALARIES: ASSUMED PREVIOUS JAN. STEP CLASSIFIED AND ASSOCIATES SPLIT FUNCED OVERTIME	(115,630) 49,677,488 2,872,540 1,862,729	45,779,075 2,647,119 1,716,552	41,610,638 2,406,084 1,560,251	37,494,200 2,168,056 1,405,899	33,661,372 1,946,428 1,262,182	30,151,170 1,743,455 1,130,562	26,957,517 1,558,785 1,010,811	24,089,809 1,392,964 903,232	21,521,519 1,244,456 806,980	19,226,464 1,111,747 720,924	17,176,154 993,190 644,045	15,344,689 887,276 575,364	13,708,153 792,657 514,007	12,246,315 [†] 708,128 459,193	10,940,368 632,613 410,225
SUBTOTAL	54, 297, 127	50,142,746	45,576,973	41,068,155	36,869,982	33,025,187	29,527,113	26,386,054	23,572,955	21,059,135	18,813,389	16, 807, 129	15,014,817	13,413,637	11,983,206
COLA INCREASE JULY STEP INCREASE PREVIOUS JAN. STEP (1/2) JAN. STEP INCREASE (1/2) REGRADES	1,900,399 679,097 115,630 115,630 263,679	1,754,996 664,239 115,630 79,137 501,427	1,595,194 283,389 79,137 46,683 227,885	1,437,385 142,910 46,683 21,506 205,341	1,290,449 69,517 21,506 10,281 184,350	1,155,882 15,273 10,281 2,075 165,126	1,033,449 6,078 2,075 826 147,636	923,512 0 826 0 131,930	825,053 0 0 0 0 117,865	737,070	658,469	588,250 0 0 0 0 0 0 0 0	525,519 0 0 0 75,074	67,068	419,412 0 0 0 59,916
SUBTOTAL	57, 371, 563	53,058,175	47,809,261	42,921,981	38,646,084	34,373,822	30,717,176	27,642,322	24,515,873	21,901,500	19,565,924	17,479,414	15,615,409	13,950,182	12,462,535
TURNOVER CONVERSIONS	(3,614,408)	(3,740,601)	(3,370,553)	(3,026,000)	(2,710,449)	(2,423,354)	(2, 165, 561)	(1,934,684)	(1,728,369)	(1,544,056)	(1,379,398)	(1,232,299)	(1,100,836)	(983,488)	(878,609)
NET STATE SALARIES	53,757,154	49,317,576	64,638,708	39,895,981	35,735,636	31,950,468	28,551,615	25,507,638	22,787,504	20, 357, 444	18,186,527	16,247,115	14,514,523	12,966,694	11,583,926
REHIRES (REDUCE GAP) CONVERSIONS	3,200,223	3,272,969	2,926,374	2,616,129	2,338,210	2,089,538	1,866,863	1,667,831	1,489,973	1,331,063	1,189,136	1,062,326	0,69,040	847,834	757,421
TOTAL UMS COST	56,957,378	52,590,543	47,365,082	42,512,110	38,073,846	34,040,006	30,418,478	27,175,469	24,277,477	21,688,527	19,375,662	17,309,442	15,463,563	13,814,529	12,341,347
HSCRC APPROVED SALARIES	38	49,566,518	43, 429, 192	38,051,789	33, 340, 217	29, 212, 031	25,594,997	22, 625, 825	19,649,059	17,216,113	15,084,414	13,216,662	11,580,174	10,146,317	8,890,000
ESTINATED SALARY GAP	1,357,120	3,024,025	3,935,891	4,460,321	4,733,629	4,827,975	4,823,481	4,749,644	4,628,418	4,472,414	4,291,269	4,092,780	3,883,388	3,668,211	3,451,347
FRINCE BENEFITS @ 14.3%	194,068	432,436	562,832	637,826	626,909	690,400	689, 758	679,199	997,199	639,555	613,649	585,268	555, 325	524,554	493,543
TOTAL SALARY GAP	1,551,188	3,456,461	4,498,723	5,098,147	5,410,538	5,518,376	5,513,230	5,428,844	5,290,282	5,111,970	4,904,897	4,678,048	4,438,713	4,192,766	3,944,890
CURULATIVE SALARY GAP	1,551,188	5,007,649	9,506,372	14,604,519	20,015,056	25, 533, 632	31,046,671	36,475,514	41,765,796	66,877,766	51,782,663	56, 460, 711	60,899,424	65,092,189	69,037,079
APROXIMATE COST OF 5.25 NET EXTRA HOLIDAYS	1,003,103	924, 385	840,215	757,094	102,701	608, 822	544,334	486, 42%	634.569	388,227	346,826	309,841	276,799	247, 281	220,911

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FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
45,779,075 41,610,638 3,647,119 2,606,084 1,716,552 1,560,251			37,494,200 2,168,056 1,405,899	33,661,372 1,946,428 1,262,182	30,151,170 1,743,455 1,130,562	26,957,517 1,558,785 1,010,811	2 7 2	21, 521, 519 1, 244, 456 806, 980	19,226,464	17,176,154 993,190 644,045	15,344,489 887,276 575,364	13,708,153	12,246,315 10,940,368 708,128 6,22,613 459,193 410,225	10,940,368 632,613 410,225
45,576,973		1 -	41,068,155	36,869,982	33,025,187	29, 527, 113	26,386,054	23,572,955	21,059,135	18,813,389	16,807,129	15,014,817	13,413,637	11,983,206
1,595,194 1, 283,389 79,137 46,683 227,885	1	-	1,437,385 142,910 46,683 21,506 205,341	1,290,669 69,517 21,506 10,281 184,350	1,155,882 15,273 10,281 2,075 165,126	1,033,449 6,078 2,075 826 147,636	923,512 0 826 0 131,930	825,053 0 0 0 0 117,865	737,070 0 0 0 105,2%	658,469 0 0 94,067	588,250 0 0 0 0 84,036	525,519 0 0 0 75,074	67,068	419,412 0 0 59,916
47,809,261	•	12	42,921,981	38,446,084	34,373,822	30,717,176	27,442,322	24,515,873	21,901,500	19,565,924	17,679,616	15,615,409	13,950,182	12,462,535
(3,614,408) (3,740,601) (3,370,553) (3,026,000) (0 0 0 0	3,370,553) (3,0	(3,0	28,000)	(2,710,449)	(2,423,354)	(2,165,561)	(1,934,684)	(1,728,369)	(1,544,056)	(1,379,398)	(1,232,299)	(1,100,836)	(983,488)	(878,609)
49,317,574 44,438,708 39,895,981	•	39,89	5,981	35,735,636	31,950,468	28,551,615	25,507,638	22,787,504	20,357,666	18, 186, 527	16,247,115	14,514,523	12,966,694	11,583,926
7.18 10.08	10.03		12.5\$	14.88	16.8\$	18.98	20.98	22.9%	24.98	26.98	28.9%	30.98	32.98	¥.9
3,489,960 4,432,471 4,982,357	1	4,982	357	5,275,697	5,382,627	5, 389, 743	5,326,077	5,213,854	5,064,998	4,888,597	4,692,219	4,482,131	4,263,491	4,040,511
499,064 633,843 712		712	712,677	754,425	769,716	227,077	761,629	745,581	724,295	690,069	670,987	640,945	609,679	577,793
3,989,024 5,066,314 5,694,834		5,694	72	6,030,122	6,152,343	6,160,477	6,087,706	5,959,435	5,789,292	5,587,666	5,363,207	5,123,076	4,873,170	4,618,304
5,993,492 11,059,806 16,754,640		16,75	0,9,1	22,784,762	28,937,105	35,097,581	41,185,287	47,144,723	52,934,015	58,521,681	63,884,888	69,007,964	73,881,134	78,499,438
924,385 840,215 7			757,094	679,701	608,822	544,336	486, 429	634,569	388,227	346,826	309,841	276,799	247,281	220,911

	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
ASSUMPTIONS:			8 5 6 8 8	8 8 9 5 9		0 0 0 0 0 0	•			0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8 0 0 8 8 0	8 9 9 9		
COLA INCREASE	3.58	3,5%	3.5%	3.58	3.58	3.5\$	3.58	3.58	3,5%	3.5\$	3,58	3.54	3.58	3.58	3.58
REGRADES	0.5\$	1.03	0.5%	0.58	0.5%	0.5\$	0.58	0.58	0.58	0.5\$	0.5	0.58	0.58	0.58	0.5\$
HSCRC APPROVED INCREASE	2.68	2.0%	2.04	2.04	2.04	2.0\$	2.04	2.08	2.0\$	2.0%	2.04	2.0%	2.08	2.04	2.04
TOT. ANNUAL TURNOVER RATE	12.60\$	14,101	14.104	14.10\$	14.10\$	14.104	14.104	14.104	14.104	14,104	14.10\$	14.104	14.104	14.10	14.104
CONVERSIONS	0.04	0.0	0.04	0.04	0.0	0.03	0.04	0.0	0.0	0.0	0.0	0.0	0.0	0.04	0.04
CALCULATED STEP INCREASES	1.7	1.38	0.98	0.58	0.38	0.18	0.0	0.04	0.04	0.04	0.04	0.04	0.04	0.0	0.04
NUMBER OF STATE EMPLOYEES	2,315	2,023	1,738	1,693	1,282	1,102	976	813	869	009	515	643	380	327	281
TOT. ANNUAL TURNOVER RATE	12.60%	14.10%	14.104	14.104	14.104	16.108	14.104	14.104	14.104	14,104	14.10%	14.104	14.104	14.108	14.104
	21,459	22,626	23,941	25,114	26, 268	27,370	28,487	29,635	30,822	32,055	33,337	34,670	36,057	37,499	38,999
	105.668	105.81\$	104.901	104.51\$	104.273	104.08\$	104.03\$	104.003	104.00%	104.00\$	104.008	104.00\$	104.001	104.00\$	104.00\$
STEP INCREASES/															
EMPLOYEE DISTRIBUTION:															
STEP 6 04	65.48	74.68	82.8\$	\$7.06	97.38	98.84	100.00	100.04	100,00	100.04	100.04	100.00	100.03	100.0%	100.0%
2	9.28	8.23	7.68	6.98	1.54	1.7	0.04	0.04	0.0	0.04	0.0	0.03	0.0	0.04	0.04
9	8.24	7.68	6.9	1.58	1.23	0.0	0.04	0.04	0.0	0.0	0.0	0.04	0.04	0.04	0.0
2	7.68	6.98	1.58	1.24	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.0	0.0	0.0	0.04
STEP 2 68	6.98	1.5%	1.7	0.03	0.0	0.04	0.04	0.0	0.0	0.03	0.0	0.04	0.0	0.03	0.04
1	1.58	1.23	0.0	0.04	0.0	0.04	0.04	0.0	0.0	0.0	0.04	0.04	0.0	0.04	0.03
	1.28	0.04	0.0	0.0	0.08	0.04	0.04	0.04	0.00	0.04	0.04	0.0	0.04	0.0	0.0

APPENDIX D: Voluntary Incentive Analysis

Ernst & Whinney

One North Charles Baltimore, Maryland 21201

301/539-7940

December 4, 1986

TO: Salary Gap Task Force

FROM: Diane Millikan

RE: Voluntary Conversion Financial Incentives

As the task force requested at the meeting on December 1, 1986, Ernst & Whinney prepared an incremental incentive analysis. However, we have significant concerns related to the appropriateness, from a financial management perspective, of such an incentive provided on a voluntary basis. These concerns include:

- 1. Averages -- The analysis, as requested by the task force, is based on the average benefit of one employee conversion. The actual benefit obtained from each conversion will be dependent on the individual employee's situation (salary level, eligibility for step increases, holiday observance). To account for individual situations, potential turnover and regrades must be ignored. (See Attachment 1 Incentive Formula).
- 2. Uncertainty -- The future salary gap estimates are based on assumptions which appear reasonable, but actual results will vary from the estimates. These variations may be material. For example, the net present value at 7% over three years of the accompanying total benefit projections varies between \$2,063 (Scenario 5) and \$4,578 (Scenario 1).
- 3. Required Appropriations -- Although it is very unlikely that all employees would choose to convert with a voluntary incentive, the State would need to appropriate sufficient funds in the budget for a full conversion. (e.g. approximately 2,200 employees times \$2,356, the net present value at 7% of the State benefit in Scenario 3 over a 3 year period.) This would significantly impact the State budgetary process.
- 4. Questionable Effectiveness -- A voluntary incentive is unlikely to significantly reduce the future salary gap problem unless a very significant incentive payment is made. At reasonable incentive payment levels, a salary gap will continue.
- 5. Employee Acceptance -- A voluntary incentive is most attractive to those State employees who do not have a long-term commitment to the Hospital. Those employees with a vested interest in the State system are not likely to give up security and leave benefits for a short-term gain, even with a three year commitment requirement.

In summary, because the salary gap will continue for those employees who do not choose to convert, the aggregate cost of the program is likely to exceed the benefit obtained.

Incentive Formula

This formula does not account for the loss of potential regrades or for turnover.

	% of Base	Salary (assume	s a 7% disco	unt rate)
	Year 1	Year 2	Year 3	Total
Holidays	2.0%	1.9%	1.7%	5.6%
Step Increases				
(Current Step)				
1	6.0%	5.6%	5.2%	16.8%
2	6.0%	5.6%	1.7%	13.3%
3	6.0%	1.9%	1.7%	9.6%
4	2.0%	1.9%	0%	3.9%
5	2.0%	0%	0%	2.0%
6	0%	0%	0%	0%
COLA (Assumes a 1% differential)	1.0%	0.9%	0.9%	2.8%

EXAMPLE:

		% of Base	Salary			Actual
Step	Step	Holiday	COLA	Total	Base Salary	<u>Benefit</u>
1	16.8%	5.6%	2.8%	25.2%	\$20,000	\$5,040
2	13.3%	5.6%	2.8%	21.7%	\$20,000	\$4,340
3	9.6%	5.6%	2.8%	18.0%	\$20,000	\$3,600
4	3.9%	5.6%	2.8%	12.3%	\$20,000	\$2,460
5	2.0%	5.6%	2.8%	10.4%	\$20,000	\$2,080
6	0%	5.6%	2.8%	8.4%	\$20,000	\$1,680

ERNST & WHINNEY METHODOLOGY

	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996
COLA ASSUMPTION REGRADE ASSUMPTION HSCRC ASSUMPTION TURNOVER ASSUMPTION	3.51 0.51 2.41 12.61	3.57 1.07 2.01 0.01	3.51 0.51 2.01 0.01	3.51 0.51 2.01 0.01	3.51 0.51 2.01 0.01	3.51 0.51 2.01 0.01	3.51 0.51 2.01 0.01	3.51 0.51 2.01 0.02	3.51 0.51 2.01 0.01	3.51 0.51 2.01 0.01
SALARY GAP BEFORE ONE CONVERSION	1,551,188	3,990,964	5,824,675	7,537,873	9,199,640	10,826,314	12,507,581	14,260,972	16,107,455	18,053,318
SALARY GAP AFTER ONE CONVERSION	1,551,188	3,989,364	5,822,451	7,534,988	9,196,057	10,821,994	12,502,482	14,255,051	16,100,666	18,045,614
MARGINAL BENEFIT OF One conversion to state	0	1,600	2,224	2,884	3,582	4,320	5,099	5,921	6,789	7,704
HOLIDAY COST BEFORE ONE CONVERSION	986,918	978,131	1,025,982	1,072,254	1,118,070	1,163,700	1,210,598	1,259,055	1,309,418	1,361,794
HOLIDAY COST AFTER ONE CONVERSION	986,668	977,648	1,025,481	1,071,735	1,117,531	1,163,141	1,210,017	1,258,451	1,308,789	1,361,141
MARGINAL BENEFIT OF ONE CONVERSION TO HOSPITAL FROM HOLIDAYS	250	483	501	519	538	\$59	581	604	628	653
TOTAL BENEFIT	250	2,084	2,725	3,403	4,121	4,879	5,680	6,525	7,417	8,357
CUMULATIVE TOTAL BENEFIT	250	2,334	5,059	8,462	12,583	17,462	23,142	29,668	37,085	45,442

(RED PRESENT VALUE & 7 PERCENT:

HOSPITAL TOTAL							2,358 13,438	
_	•	0	1,4%	3,438	5,793	8,526	11,080	13,467
						3	8	
		ONE YEAR	TWO YEARS	THREE YEARS	FOUR YEARS	FIVE YEARS	SIX YEARS	SEVEN YEARS
							D	-3

ERNST & MHINNEY METHODOLOGY										
	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996
COLA ASSUMPTION REGRADE ASSUMPTION	3.51	3.51	3.51	3.51	3.51	3.52	3.51	3.51	3.51	3.51
HSCRC ASSUMPTION	2.41	2.07	2.01	2.01	2.01	2.01	2.01	2.07	2.07	2.02
TURNOVER ASSUMPTION	12.61	11.12	14.17	11.11	14.12	14.12	14.11	11.12	71.1	71.41
SALARY GAP BEFORE ONE CONVERSION	1,551,188	3,456,461	4,498,723	5,098,147	5,410,538	5,518,376	5,513,238	5,428,844	5,290,282	5,111,970
SALARY GAP AFTER ONE CONVERSION	1,551,188	3,455,121	4,497,058	5,096,244	5,408,472	5,516,207	5,511,017	5,426,611	5,288,070	5,109,803
MARGINAL BENEFIT OF ONE CONVERSION TO STATE	0	1,339	1,665	1,903	2,066	2,169	2,221	2,233	2,212	2,167
HOLIDAY COST BEFORE One conversion	916'996	902,600	813,308	730,168	654,026	584,751	522,546	466,635	417,052	372,578
HOLIDAY COST AFTER One conversion	986,668	902,153	612,911	729,814	653,711	584,470	522,295	466,612	416,852	372,399
MARGINAL BENEFIT OF ONE CONVERSION TO HOSPITAL FRON HOLIDAYS	250	447	197	353	315	281	251	224	200	179
TOTAL BENEFIT	250	1,766	2,062	2,256	2,381	2,450	2,472	2,457	2,412	2,346
CUMULATIVE TOTAL BENEFIT	250	2,036	4,098	6,355	6,736	11,186	13,658	16,114	18,526	20,872

HOSPITAL	250 668 1,015 1,303 1,543 1,748	
STATE	1,252 2,706 4,259 5,836 7,309 8,686	
. a 7 PERCENT:	39	
NET PRESENT VALUE A 7 PERCENT	DNE YEAR TWO YEARS THREE YEARS FOUR YEARS FIVE YEARS SIT YEARS	4

TOTAL	250	1,919	3,720	5,562	7,379	7,077	10,664	
HOSPITAL	250	899	1,015	1,303	1,543	1,768	1,978	
STATE	0	1,252	2,706	4,259	5,636	7,309	8,686	
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	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996
COLA ASSUMPTION	3.51	3.02	3.01	3.01	3.02	3.02	3.02	3.02	3.01	3.02
REGRAUE ASSUMPTION HSCRC ASSUMPTION THRMOUPR ASSUMPTION	2.47	20.07	2.02	2.01	2.01	2.01	2.01	2.01	2.07	2.01
SALARY GAP BEFORE ONE CONVERSION	1,551,188	3,172,421	3,988,605	4,411,615	4,590,717	4,602,259	4,531,484	4,406,653	4,248,079	4,066,201
SALARY GAP AFTER ONE CONVERSION	1,551,188	3,171,222	3,987,191	4,410,047	4,589,050	4,600,534	4,529,738	4,404,915	4,246,370	4,064,539
MARGINAL BENEFIT OF ONE CONVERSION TO STATE	0	1,199	1,414	1,567	1,668	1,725	1,746	1,739	1,709	1,662
HOLIDAY COST BEFORE ONE CONVERSION	986,918	898,335	805,645	719,652	641,705	570,982	507,791	451,473	401,388	356,860
HOLIDAY COST AFTER ONE CONVERSION	986,668	897,890	805,251	719,503	641,396	570,708	507,547	451,256	401,196	356,689
NARGINAL BENEFIT OF ONE CONVERSION TO HOSPITAL FROM HOLIDAYS	250	#	393	348	309	274	244	217	193	171
TOTAL BENEFIT	250	1,643	1,808	1,916	1,977	1,999	1,990	1,955	1,901	1,834
CUMULATIVE TOTAL BENEFIT	250	1,894	3,701	5,617	7,594	9,593	11,583	13,538	15,439	17,273

NET PRESENT VALUE & 7 PERCENT:

TOTAL

HOSPITAL

STATE

		-		
	ONE YEAR	0	220	X
	TWO YEARS	1,120	999	1,78
	THREE YEARS	2,356	1,009	3,36
	FOUR YEARS	3,635	1,294	4,92
	FIVE YEARS	4,908	1,529	6,43
D-	SII YEARS	160,9	1,750	7.84
-5	SEVEN YEARS	7,208	1,956	9,16

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ERNST & WHINNEY METHODOLOGY

	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996
COLA ASSUMPTION REGRADE ASSUMPTION HSCRC ASSUMPTION TURNOVER ASSUMPTION	3.51 0.51 2.41 12.61	2.01 1.01 2.01 14.11	2.01 0.51 2.01 14.11	2.07 0.57 2.07 14.17	2.07 0.57 2.07 14.17	2.0Z 0.5Z 2.0Z 14.1Z	2.07 0.57 2.07 14.17	2.07 0.57 2.07 14.17	2.01 0.51 2.01 14.11	2.02 0.51 2.01 14.11
SALARY GAP BEFORE ONE CONVERSION	1,551,188	2,604,340	2,975,685	3,058,129	2,986,008	2,821,915	2,637,276	2,448,591	2,266,016	2,091,631
SALARY GAP AFTER DNE CONVERSION	1,551,188	2,603,422	2,974,769	3,057,222	2,985,120	2,821,053	2,636,447	2,447,799	2,265,264	2,090,921
NARGINAL BENEFIT OF ONE CONVERSION TO STATE	0	918	916	906	999	862	630	793	752	710
HOLIDAY COST BEFORE ONE CONVERSION	986,918	889,805	790,428	699,513	617,589	544,225	479,322	422,044	371,599	327,184
HOLIDAY COST AFTER ONE CONVERSION	986,668	889,365	790,042	699,175	617,291	543,964	479,092	421,842	371,421	327,027
MARGINAL BENEFIT OF ONE CONVERSION TO HOSPITAL FROM HOLIDAYS	250	440	386	339	297	261	230	202	178	151
TOTAL BENEFIT	250	1,356	1,302	1,245	1,185	1,123	1,060	366	930	967 =======
CURULATIVE TOTAL BENEFIT	250	1,609	2,911	4,156	5,341	99,49	7,524	8,519	6,449	10,316

NET PRESENT VALUE 3 7 PERCENT:

UNIVERSITY OF MARYLAND MEDICAL SYSTEM

ERNST & WHINNEY METHODOLOGY										
	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996
COLA ASSUMPTION REGRADE ASSUMPTION	3.51	2.01	2.07	2.07	2.01	2.01	2.07	2.01	2.07	2.07
HSCRC ASSUMPTION TURNOVER ASSUMPTION	2.41	2.01	2.07	2.07	2.07	2.01	2.07	2.02	2.07 14.17	2.01
SALARY GAP BEFORE ONE CONVERSION	1,551,188	2,036,260	2,224,475	2,172,687	2,009,012	1,786,931	1,576,472	1,382,138	1,211,002	1,061,055
SALARY GAP AFTER ONE CONVERSION	1,551,188	2,035,623	2,223,929	2,172,214	2,008,600	1,788,570	1,576,157	1,381,862	1,210,759	1,060,843
MARGINAL BENEFIT OF ONE CONVERSION TO STATE	0	637	546	473	412	360	316	276	242	212
HOLIDAY COST BEFORE ONE CONVERSION	986,918	881,275	779,142	686,208	905,909	528,700	463,379	406,016	355,743	311,695
HOLIDAY COST AFTER ONE CONVERSION	986,668	880,839	778,762	929,829	602,615	528,447	463,156	405,822	355,573	311,546
MARGINAL BENEFIT OF ONE CONVERSION TO HOSPITAL FROM HOLIDAYS	250	436	380	332	290	254	222	195	170	149
TOTAL BENEFIT	250	1,073	927	805	702	614	538	171	413	362
CURULATIVE TOTAL BENEFIT	250	1,324	2,251	3,055	3,757	4,371	4,909	5,380	5,793	6,155

NET PRESENT VALUE & 7 PERCENT:

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			STATE	HOSPITAL	TOTA
			-		
	ONE YEAR		0	220	Ŕ
	TWO YEARS		286	959	1,25
Ι	THREE YEARS		1,073	999	2,06
)-	FOUR YEARS		1,459	1,261	2,72
7	FIVE YEARS	4	1,77	1,482	3,25
	SII YEARS	12	2,067	1,689	3,75
	SEVEN YEARS	2	2,341	1,653	4,22

DISSENTING OPINION

GOVERNOR'S TASK FORCE
ON UMMS SALARY GAP
FINAL REPORT AND RECOMMENDATIONS

DISSENTING MEMBERS:

Senator Clarence Blount
Delegate Richard Dixon
Joseph Adler, Executive Director of MCEA
William Bolander, Associate Director of
AFSCME

Several members of the Governor's Task Force on UMMS Salary Gap, perhaps a majority, wish to take exception to the final report and recommendation of the above-named group as submitted by its Chair.

In our view and in the view of our UM Hospital employees, it breaks a commitment given in 1984 over the status of "State" employees at the Hospital. Employee representatives were originally opposed to the Governance legislation due to its potential negative impact on State employees. After receiving assurances from representatives of the Governor's Office and UM Administration, opposition to the legislation ceased. Employees were told that State employees remaining at the Hospital would receive the same benefits as all other State employees.

The Task Force proposal would alter this assurance by allowing the Hospital to set salaries and upgrades for all employees. This proposal may benefit the nursing staff, but would leave 60% of the Hospital staff worse off. We support a program of incentives to allow voluntary transfers. This has not been given an adequate test. There is also the question of UM Hospital Administration's budget priorities in attempting to cover a budget shortfall by shifting it all to employees' salaries and benefits.

IS THERE A SALARY GAP?

Page One of the Report's Executive Summary states "The Task Force on the UMMS Salary Gap has confirmed that a significant salary gap exists and has developed recommendations for reducing that gap."

Perhaps its a quibble over semantics but not all of the Task Force members agree that there is a salary gap per se. of the Task Force heard many hours of testimony from Hospital officials and from experts in the field of health economics. There was agreement that the Hospital had a budget problem in that its income was not sufficient to cover its expenses. Out of a budget of approximately \$160 million, there was a \$2 million shortfall or 1.25% of its operational revenues. The Hospital chose to shift the entire burden of the shortfall on the backs of the employees by stating that it could not pay a State mandated 3.5% across-the-board pay raise for employees who chose to remain Task Force members heard testimony that the with the State. Hospital yearly loses over \$24 million in uncompensated care. Yet, no discussion took place as to seeking the assistance of other levels of government by reimbursing the Hospital for such We are not saying that such care should not be given, but that other levels of government should perhaps assume part of this burden.

In our view, there is a "gap" problem but we do not agree that it is a salary gap. We do agree that it is a budget gap.

COMPROMISE SOLUTION

We also call into the statement on Page One that the Report is a compromise solution. The vote on the final report was 4 to 4 with the Chair voting in favor to break the tie. An earlier vote on a similar package was rejected 5 to 4. Indeed, the four "no" votes have not changed their views, and one of the signatories of this dissenting report (Senator Blount) was not able to be present at the final meeting. Had he been there, the vote would have been 5 to 4 against the recommendations with perhaps the Chair voting to create a tie 5 to 5. But it would not have passed. Thus, we reject the proposition that it is a compromise solution, given the sharp dissent and the narrow vote by which it passed.

SUPPORT OF NURSING REPRESENTATIVES

Page Ten of the report highlights the fact that two non-voting nursing representatives, one of whom holds a high level management position at the Hospital, expressed support for the proposal.

A number of points need to be made. While they are critical to its well-being, the nursing staff represents only 40% of the employees at the Hospital. Given current market conditions for nurses, it is probable that under a Hospital administered pay system, they would receive pay raises far larger that other staff. These pay raises would come at the expense of the other 60% of the support staff. (Current statutes allow the Hospital to grant such pay raises anyway.) The nursing representatives were rather forceful in wishing to retain all other State benefits, such as health insurance, vacations, holidays, etc. The proposal to allow the Hospital to set pay for all staff would give them the best of both worlds, but again, at the expense of other employees.

In our view, the Hospital had an opportunity to resolve its nursing shortage internally. In 1985, the Hospital was faced with another budget shortfall. Its answer was to eliminate the entire workforce of LPN's. Again, it was a situation of placing budget problems of the Hospital on the backs of the employees. Despite repeated pleas by the representatives of the employees, no attempts were made to place the over 100 LPN's into training programs which could have qualified them for RN positions.

ALTERNATIVE SOLUTIONS

Page Seven of the report states "The Task Force spent a significant amount of time considering a financial incentive program to encourage voluntary transfers of non-corporation employees to the corporate system."

We did not spend a significant amount of time studying the feasibility of voluntary incentives. Yes, the idea was discussed at several meetings, but it was given short shrift and disposed of. Despite the request of one or more Task Force members and signatories of this report, we never did spend adequate time looking at the numbers behind the cost of voluntary incentives. Solid facts and figures were not given until near the end of our deliberations, far too late to allow meaningful discussion and analysis.

PERMANENT SOLUTION

Throughout the deliberations of the Task Force, Hospital management representatives complained about having to operate their staff through two different personnel systems, the State and the Hospital Corporation. It would appear to us that the solution would be in having one personnel system. Consideration was given to recommending that the Hospital revert back to State control, but this was quickly rejected as were proposals to force State employees to become "corporation" employees. The proposal outlined in the report buys time for the Hospital but does not offer permanency.

The report urges that another detailed study be commissioned to develop voluntary incentive programs for employee conversion by Fiscal Year 1989. Thus, we will be right back confronting the same questions in a year or two. It would have made more sense, from our point of view, to keep the present situation regarding pay setting authority and really delve into creating economic incentives to voluntarily allow State employees to become UMMS employees.

SUMMARY AND RECAP

The legislation creating the UMMS Hospital Corporation gave specific guarantees to State employees. It stated that, "No University employee may be required to become an employee of the Medical System Corporation as a condition of employment or promotion. All Medical System University personnel are University employees in all respects."

This was written after UM mamagement gave assurances to employees and employee representatives that they were not setting up the quasi-private corporation as a means of eliminating State employee benefits and working conditions. Employees and their representatives accepted the Hospital's assurances and believed that they were acting in good faith.

The Task Force proposal, which was narrowly accepted by a less than full Task Force, would break the pledge made earlier. Giving the Hospital pay setting authority over State employees, changes the intent of the statute and brings into question the

Page 4

good faith of Hospital management. For the reasons given above, we believe that the Task Force recommendations do not solve the Hospital's problem and should be rejected. A program of financial incentives to allow for voluntary employee conversion should be considered and implemented. The report of the Task Force calls for such action for Fiscal Year 1989, and the so called salary gap will become less and less of a concern as more and more State employees become corporation employees.

